

CADILLAC P1546: A/C CLUTCH STATUS CIRCUIT LOW INPUT

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$200
Can I Still Drive?	:	Yes (Short-term only)

What Does The Cadillac P1546 Code Mean?

Engine started, A/C Clutch requested "on", and the PCM detected an unexpected low voltage condition on the A/C Clutch status circuit for over 5 seconds during the CCM test.

What Are The Potential Causes Of The Cadillac P1546 Code?

Below are some potential causes of this DTC:

- A/C clutch status line is open or shorted to ground
- A/C clutch relay is damaged or has failed (contains not closing)
- A/C clutch relay power circuit is open (test AC CRUISE fuse)
- PCM has failed

Reference Sources

GM, 2013, [Service Bulletin - Prior To Any Circuit Testing](#).